



Public Notice

Applicant:

Ohio Department of
Transportation

Date:

Published: Dec. 20, 2000

Expires: Jan. 19, 2001

**U.S. Army Corps
of Engineers**

In Reply Refer To:

Buffalo District **CELRB-CO-R RE: 2000-02812(0)** **Section: OH 404**

**Application for Permit under Authority of
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

Mr. Gordon Proctor, on behalf of the Ohio Department of Transportation, 1980 West Broad Street, Columbus, Ohio 43223, has applied for a Department of the Army permit for authorization to work and place fill in waters of the United States in connection with the proposed I-90 Interchange at SR 615 and associated SR 615 Corridor Improvement project. The project is located near the City of Mentor, Lake County, Ohio.

Department of the Army authorization is required to fill approximately 1.38 acres of waters of the U.S. including 1.32 acres of wetland and approximately 139 linear feet of an unnamed intermittent stream. The single and complete project includes three construction projects as described below:

1. IR-90/SR-615 interchange, including improvements to SR-615 between Kingwood Drive North and SR-84 and a Park and Ride Lot. This portion of the project will impact a total of 0.43 acre of wetland (Wetland 5, 0.002 ac; Wetland 6, 0.02 ac; Wetland 7, 0.10 ac; and Wetland 8, 0.31 ac) and 139 linear feet of intermittent stream. The work will include:

a. A full diamond interchange is proposed at the present location of the SR-615 bridge over IR-90. The project limits on IR-90 would extend from approximately 2,820 feet west of SR-615 to approximately 2,580 feet east of SR-615.

b. Along SR-615, the proposed improvements would extend between Kingwood Drive North and SR-84. South of IR-90, approximately 1,600 feet of SR-615 would be shifted approximately 50 feet east to correct a substandard road alignment. The bridge structure would be widened from two to three lanes. Also, SR-615 would be widened from two to four lanes between IR-90 and SR-84. Turning lanes would be provided at the SR-84/SR-615 intersection.

c. A 207-space park and ride lot with area to expand to 400 spaces is proposed for the northeast quadrant of the IR-90/SR-615 interchange. Access to the lot would be gained off SR-615, approximately 450 feet north of the proposed westbound exit ramp from IR-90.

2. Improvements to SR-615 between Kingwood Drive North and Chillicothe Road, and realignment of the SR-615/Chillicothe Road and the Chillicothe/Baldwin Road intersections. This portion of the project will not impact any wetlands but may cause temporary sedimentation and runoff to occur in an unnamed tributary to the East Branch of the Chagrin River (Unnamed Stream 1).

3. Improvements to SR-615 between SR-84 and US-20, a storm sewer and a retention basin. This portion of the project will impact approximately 0.89 acre of wetland (Wetland 1, 0.03 ac; Wetland 2, 0.86 ac). This work will include:

a. Between SR-84 and US-20, the existing SR-615 roadway would be widened from two lanes to a four-lane, 48-foot concrete-curbed pavement within a 64-foot right-of-way.

b. Approximately 2,640 feet of new storm sewer will be placed along SR-84 between SR-615 and Garfield Road to collect stormwater runoff from SR-615 and SR-84.

c. The proposed storm sewers will discharge into a new retention basin proposed for construction on a 13 acre parcel of property located in the southeast quadrant of the SR-84/Garfield Road intersection. The retention basin is also intended to collect excess storm flow from Newell Creek. A restrictor plate will be installed on the headwall of the existing concrete box culvert under Garfield Road. The retention basin will outlet into a 67" by 106" elliptical pipe under Garfield Road, approximately 70 feet south of SR-84. The elliptical pipe will run approximately 230 feet to the west, where it will tie-in to an existing manhole. From there, the flow will be conveyed under SR-84 in an existing box culvert and outlet north of SR-84 into the Newell Creek channel.

The overall project purpose is to reduce current and projected traffic delays and congestion in the SR-615 corridor. The need for the improvements stem from interchange justification evaluations, forecast traffic volumes, and projected population and employment growth in the area.

As mitigation for the unavoidable loss of 1.32 acres of Federal wetlands, the Ohio Department of Transportation proposes to purchase 2.48 acres of wetland mitigation credits from the Ohio Wetlands Foundation mitigation bank located at the Trumbull Creek Wildlife Area located in Thompson Township, Geauga County and Trumbull Township, Ashtabula County, Ohio.

Materials related to this project can be viewed between the hours of 8 a.m. and 4 p.m., Monday-Friday, at the Ohio Department of Transportation District 12 Office, 5500 Transportation Boulevard, Garfield Heights, Ohio 44125-5396, Telephone: (216) 581-2100.

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Kathleen M. Ryan, who can be contacted by calling (716) 879-4392, or by e-mail at: kathleen.m.ryan@usace.army.mil

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency.

There are two registered historic properties or properties listed as being eligible for inclusion in the National Register of Historic Places that will be affected by this project. The Advisory Council On Historic Preservation (ACHP) accepted a Memorandum of Agreement (MOA) from the Federal Highway Administration (FHWA) via letter dated June 1, 1998. FHWA in collaboration with the Ohio Department of Transportation (ODOT) determined the proposed project will have an effect upon two properties listed in the National Register of Historic Places: John and Carrie Yager House, 7612 Center Street and Young, Benjamin and Mary House, 7597 Center Street. The project has been designed in accordance with stipulations found in the MOA.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, New York 14207-3199, and should be marked to the attention of Kathleen M. Ryan, or by e-mail at: kathleen.m.ryan@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

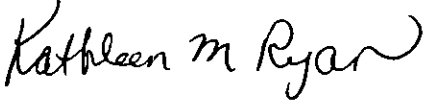
Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

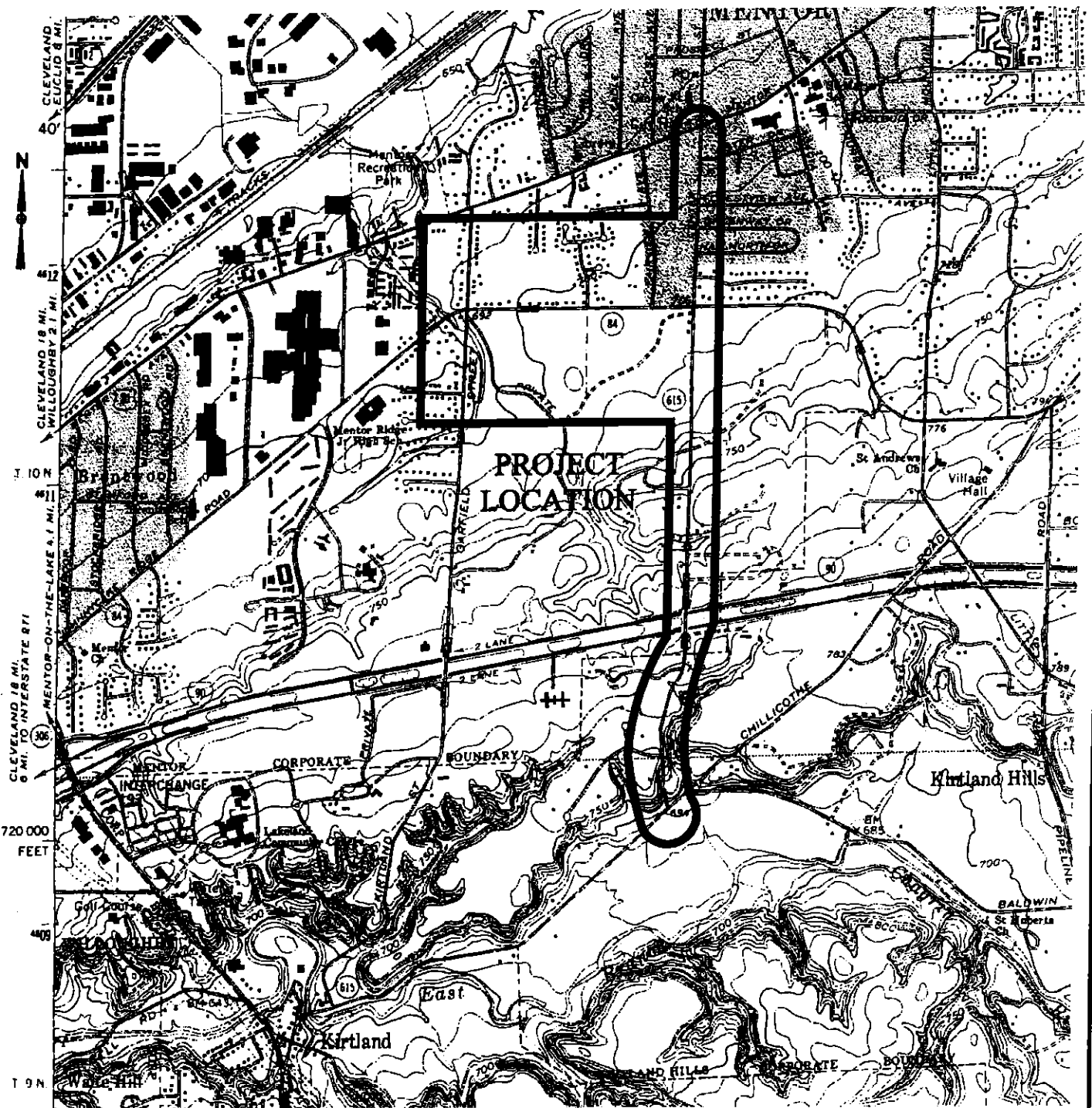
Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

for 
Paul G. Leuchner
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.



U.S. Geological Survey
Mentor, Ohio Quadrangle Map
Scale 1:24,000

Location:
Lake County, Ohio

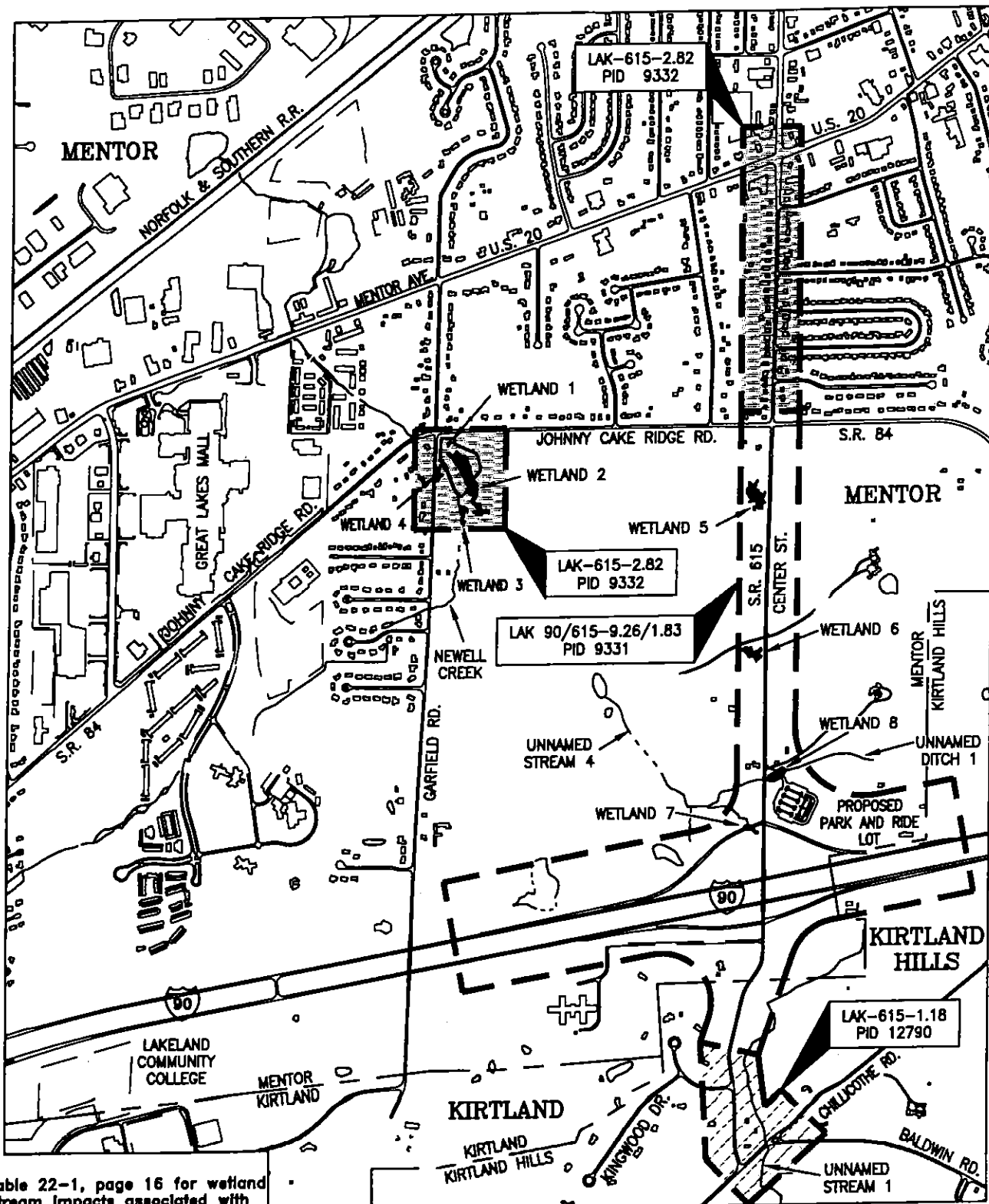
Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

HNTB Ohio Inc.

Exhibit 18-1 Location Map

IR-90 INTERCHANGE AT SR-615,
SR-615 CORRIDOR IMPROVEMENTS,
AND SR-84 RETENTION BASIN

OHIO DEPARTMENT OF TRANSPORTATION
D/A Processing No. 2000-02812(0)
Lake County, Ohio Quad: MENTOR
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Note:
See Table 22-1, page 16 for wetland
and stream impacts associated with
each construction project.

Waterbody:
Wetlands 1-8, Newell Creek,
Unnamed Stream 1,
Unnamed Stream 4

Location:
Lake County, Ohio

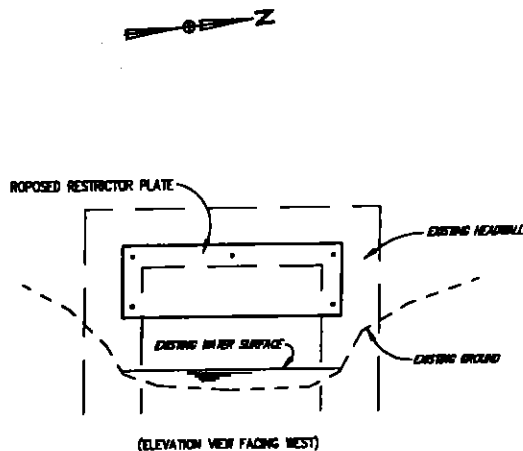
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Exhibit 11
Proposed Construc
Scale 1:1,

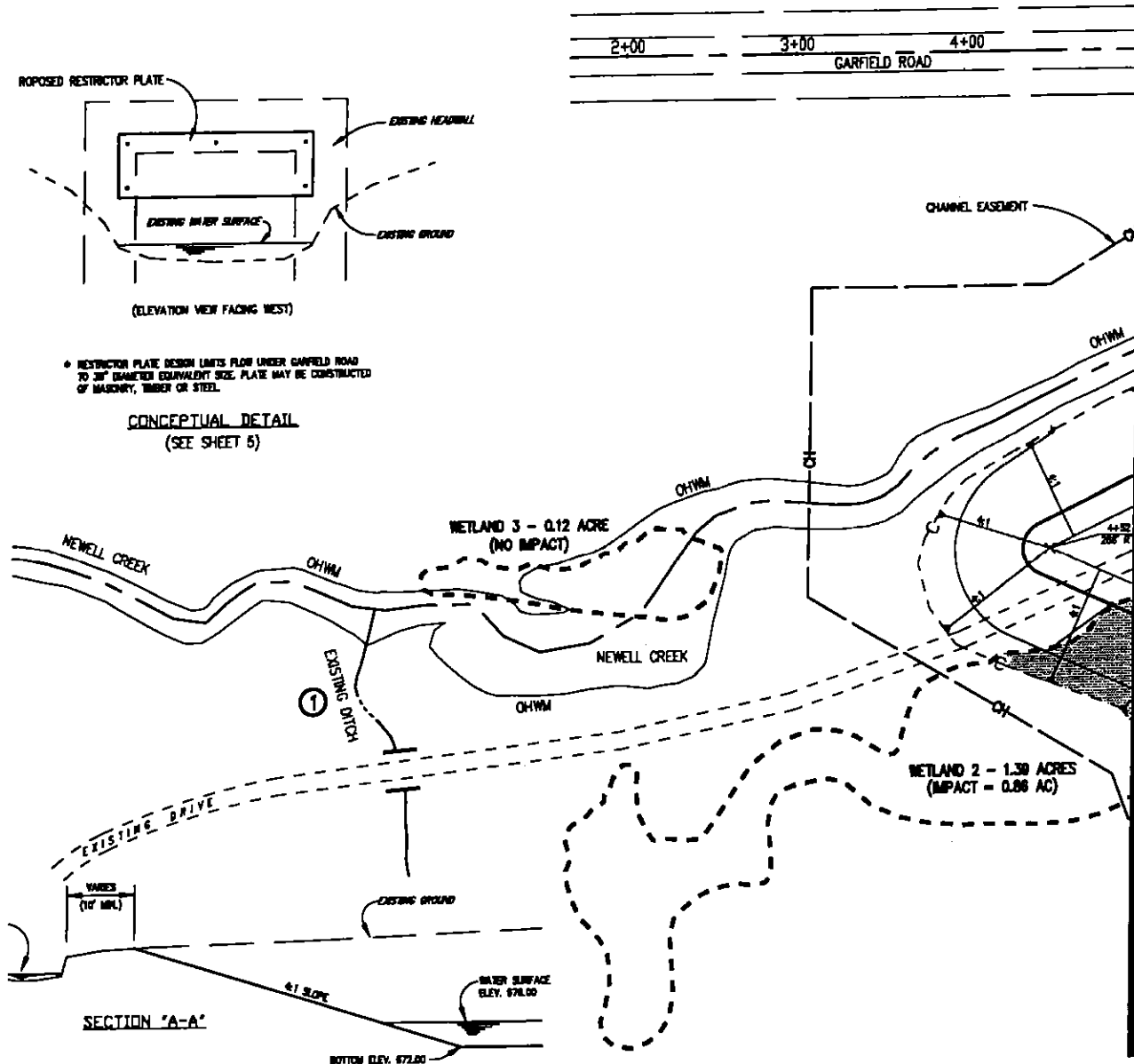
**IR-90 INTERCHANGE AT SR-615,
SR-615 CORRIDOR IMPROVEMENTS,
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- RESTRICTOR PLATE DESIGN LIMITS FLOW UNDER GARFIELD ROAD TO 30" DIAMETER EQUIVALENT SIZE. PLATE MAY BE CONSTRUCTED OF MASONRY, TIMBER OR STEEL.

CONCEPTUAL DETAIL
(SEE SHEET 5)



Property Owners:

① - David Z. Norton Co.

See Sheet 5 for Impact Quantities
for the Retention Basin Area

= Disturbance Due to Construction:

Approximate Scale:

1" = 100'

Waterbody:
Newell Creek, Wetlands 2, 3

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

Exhibit 18
Site Plan for Proposed
Wetlands 2 and 3, I

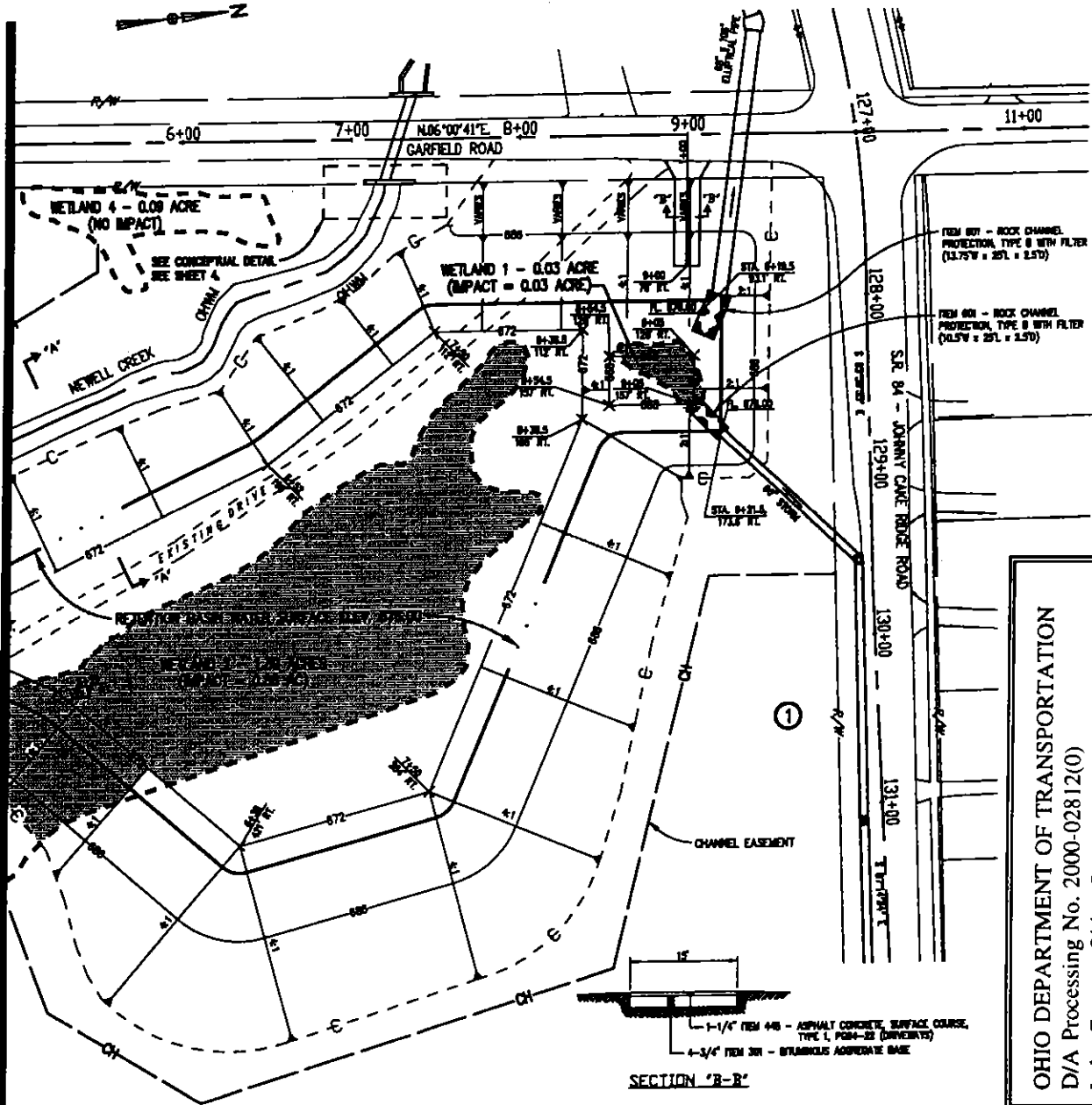
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IR-90 INTERCHANGE AT SR-615,
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MATCH LINE STA. 5+00, SEE SHEET 4



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Property Owners:

① - David Z. Norton Co.

Wetlands

Area Drained/Filled: 0.89 acre
Excavation: 20,452 cubic yards
Fill: 0 cubic yards

Streams

Length Drained/Filled: 0 feet
Excavation: 0 cubic yards
Fill: 0 cubic yards

= Disturbance Due to Construction:

Approximate Scale:

1" = 100'

Waterbody:
Newell Creek, Wetlands 1, 2, 4

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

HNTB Ohio Inc.

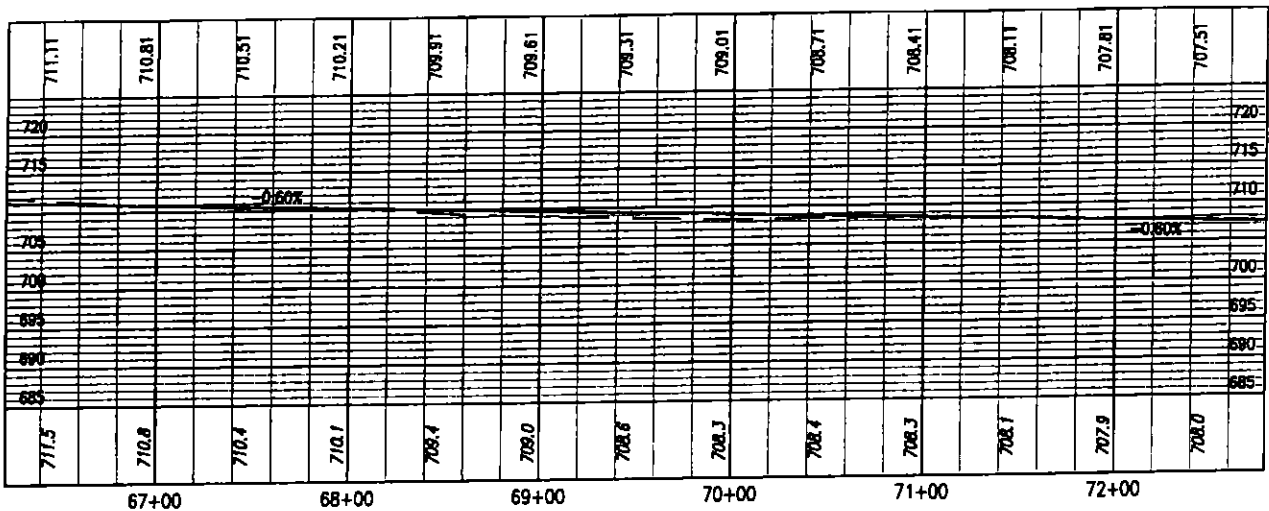
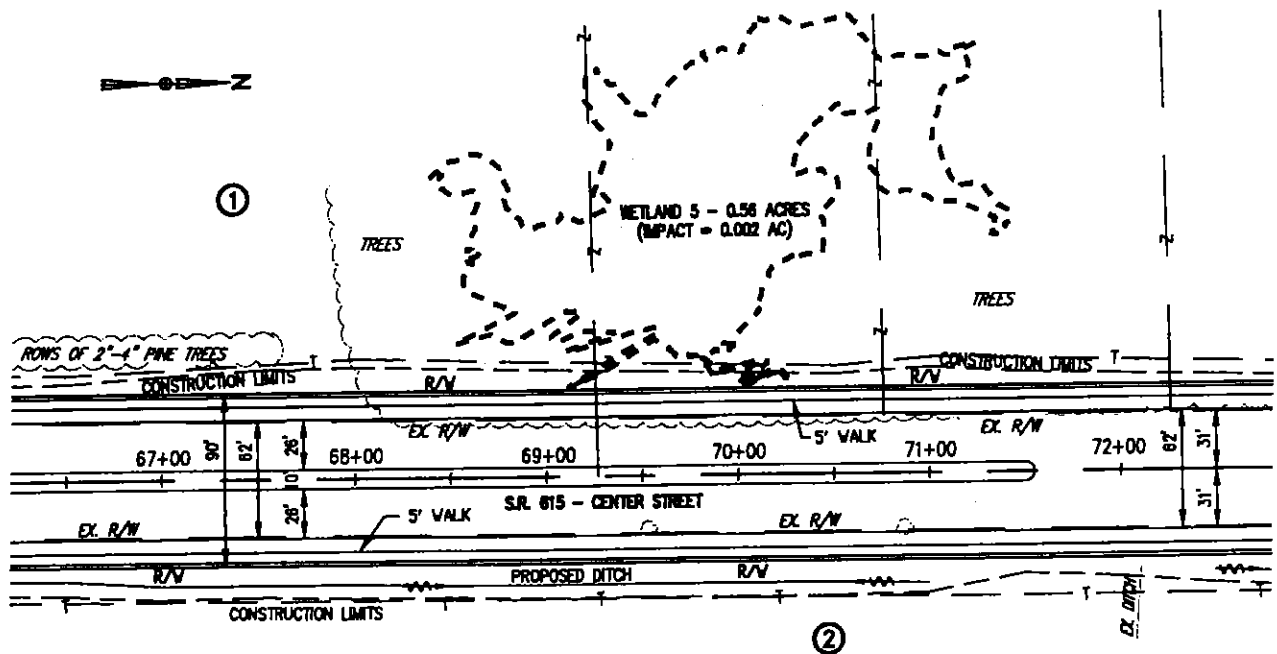
Exhibit 18-4
Site Plan for Proposed Action
Wetlands 1, 2, and 4, Newell Creek

IR-90 INTERCHANGE AT SR-615,
SR-615 CORRIDOR IMPROVEMENTS,
AND SR-84 RETENTION BASIN

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Property Owners:

- ① - David Z. Norton Co.
- ② - Charles P. Norton

Wetlands

Area Drained/Filled: 0.002 acre
Excavation: -- cubic yards
Fill: 5 cubic yards

= Disturbance Due to Construction:

Approximate Scale:

1" = 100'

Waterbody:
Wetland 5

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

HNTB Ohio Inc.

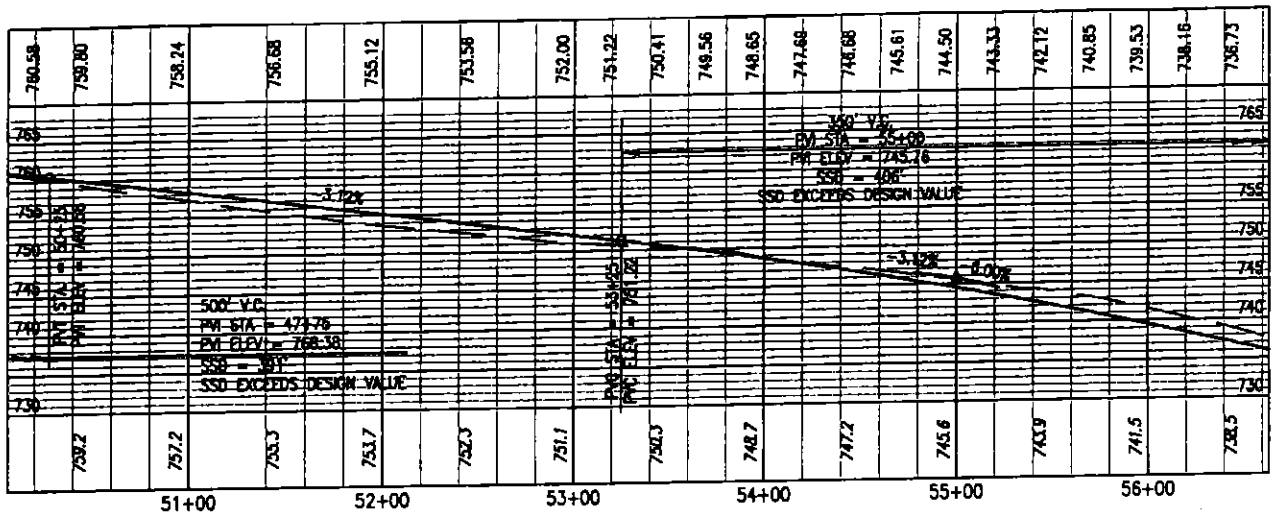
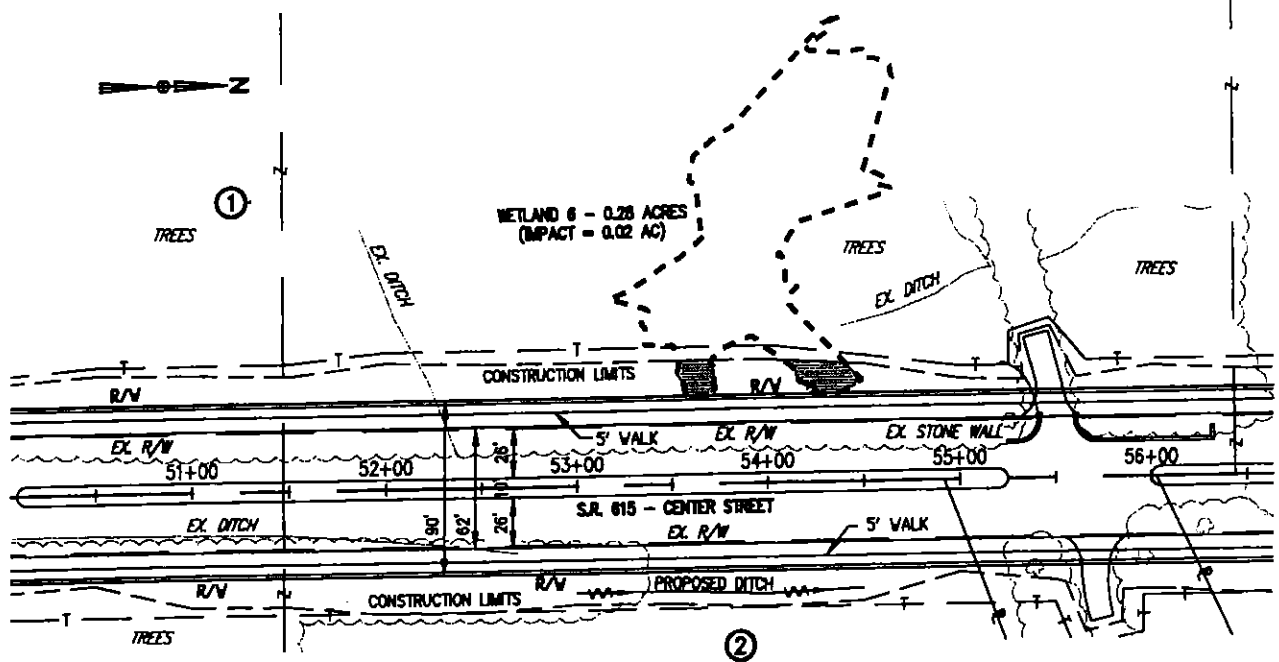
**Exhibit 18-
Plan and Profile for Project
Wetland 5**

IR-90 INTERCHANGE AT SR-615,
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AND SR-84 RETENTION BASIN

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Property Owners:

- ① - Frances W. Gale
- ② - Bolton Properties Limited

Wetlands

Area Drained/Filled: 0.02 acre
Excavation: -- cubic yards
Fill: 59 cubic yards

 = Disturbance Due to Construction:

Approximate Scale:

1" = 100'

Waterbody:
Wetland 6

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

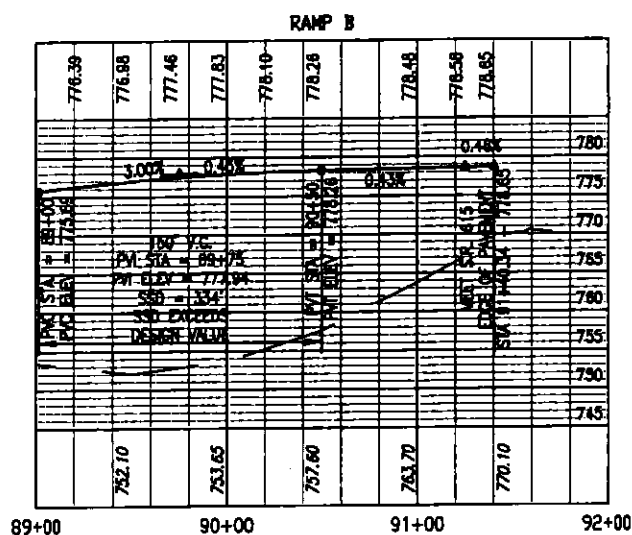
HNTB Ohio Inc.

Exhibit 18-6 Plan and Profile for Proposed Action Wetland 6

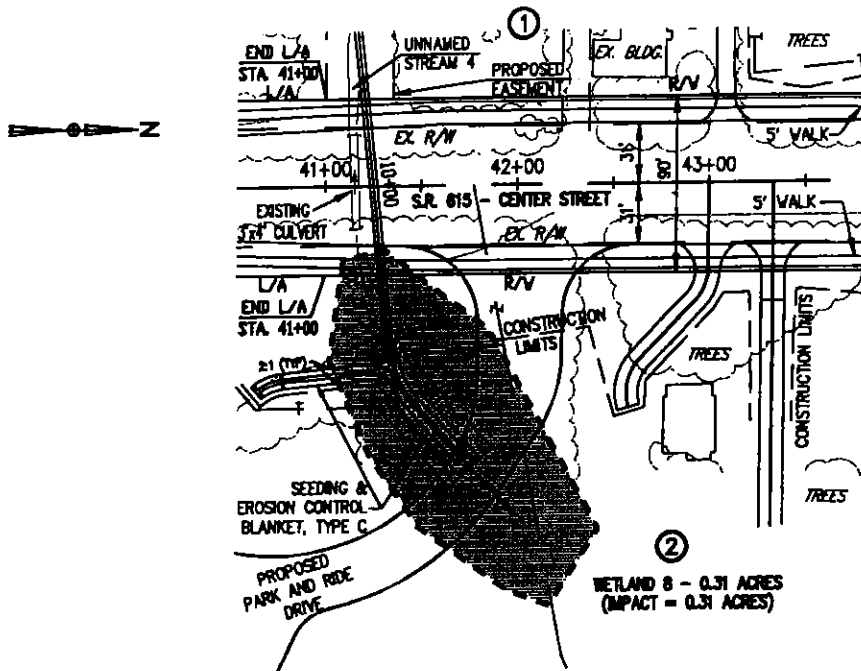
IR-90 INTERCHANGE /
SR-615 CORRIDOR IMPI
AND SR-84 RETENTI

Department of
the Army

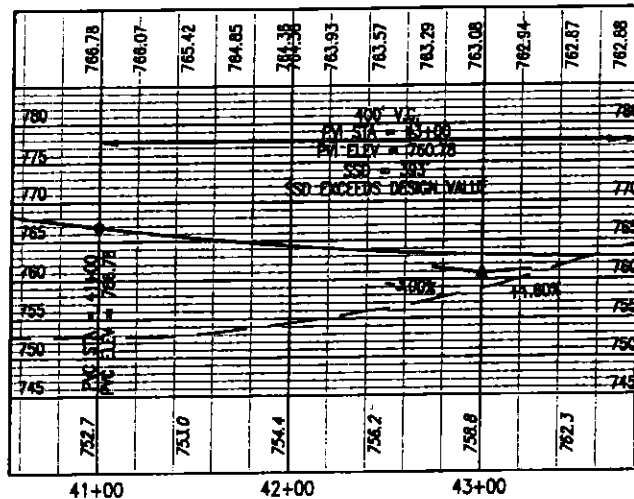
OHIO DEPARTMENT OF TRANSPORTATION
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Note:
Construction limits for the
park and ride drive not finalized.



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Property Owners:

- ①-David Z. Norton Co.
- ②-Bolton Properties Limited

Wetlands

Area Drained/Filled:

Excavation: 0.31 acre
Fill: -- cubic yards
1,900 cubic yards

Streams

See Figure 18-9, page 10
for Impacts to Unnamed Stream 4

= Disturbance Due to Construction:

Approximate Scale:

1" = 100'

Waterbody:
Wetland 8
Unnamed Stream 4

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

HNTB Ohio Inc.

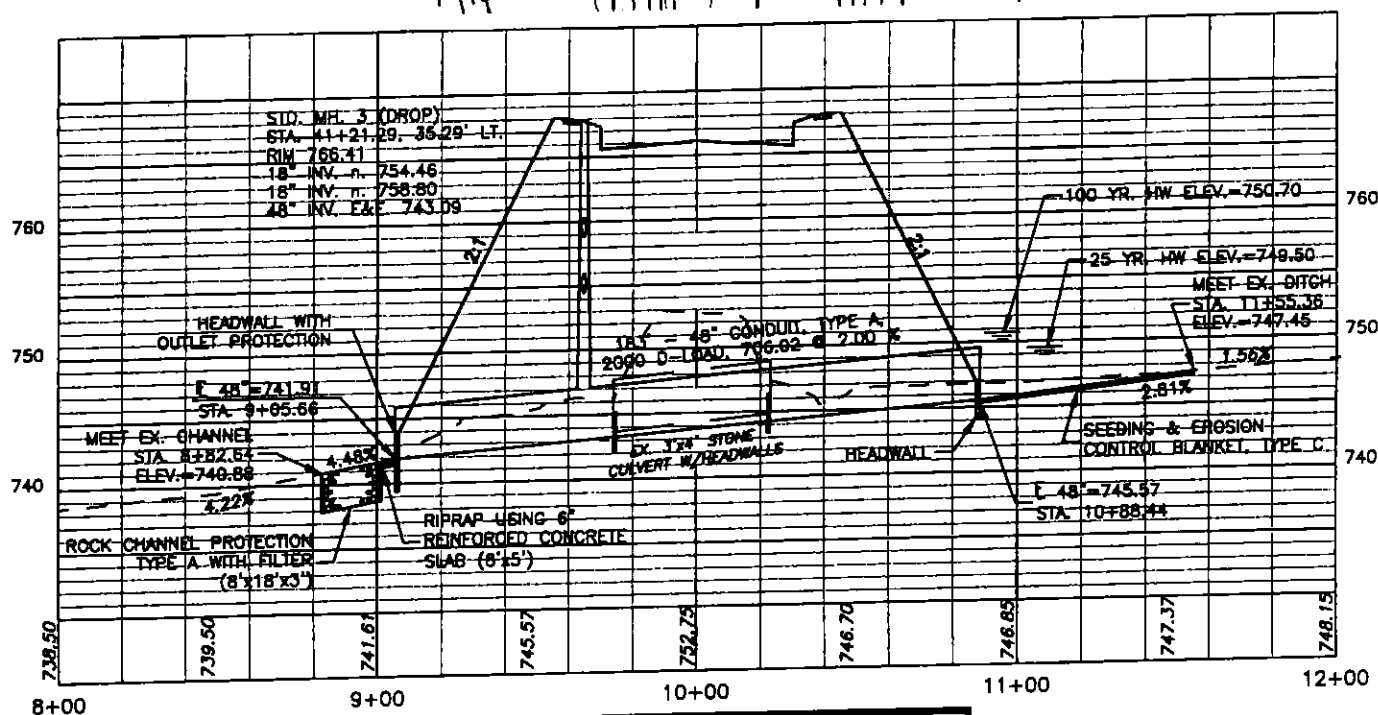
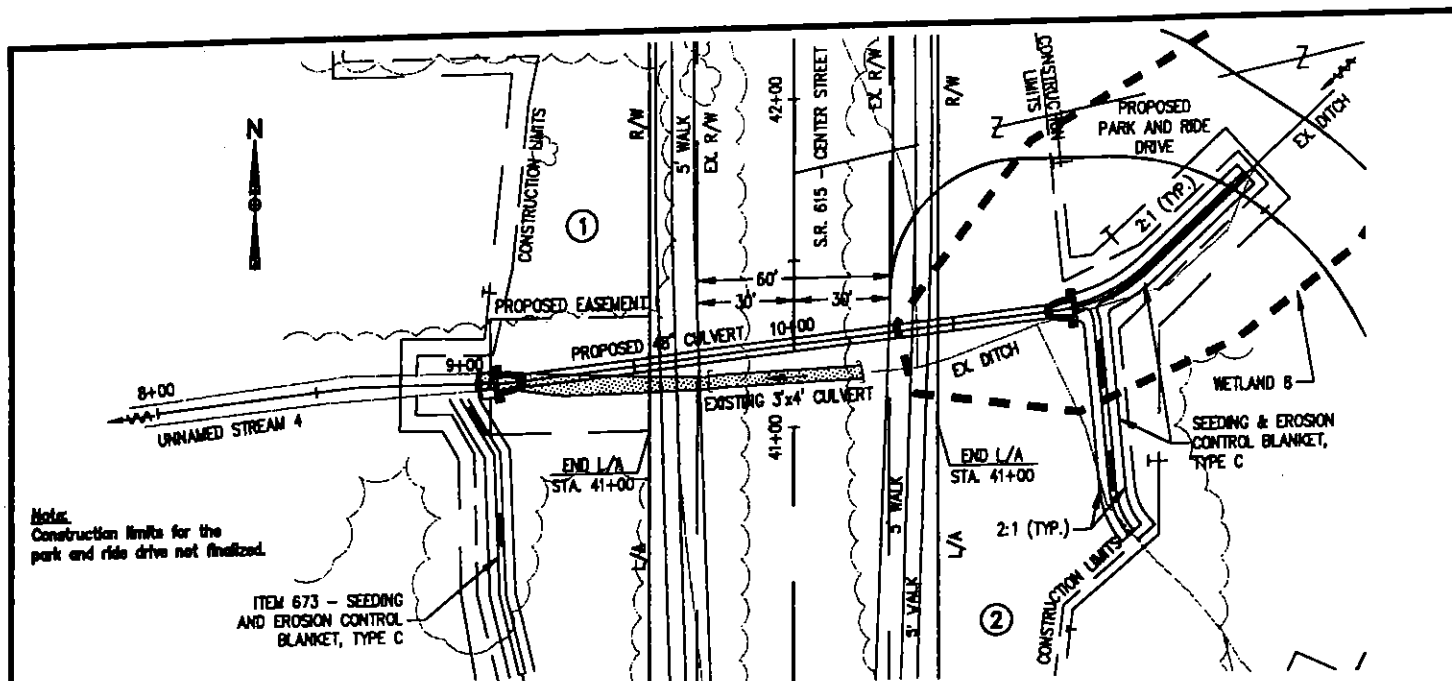
**Exhibit 18-8
Preferred Alternative
Wetland 8 & Unnamed Stream 4**

IR-90 INTERCHANGE AT SR-615,
SR-615 CORRIDOR IMPROVEMENTS,
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Property Owners:

- ① - David Z. Norton Co.
- ② - Bolton Properties Limited

Wetlands

See Figure 18-8, page 9
for Impacts to Wetland 8

Streams

Length Drained/Filled: 139 feet
Excavation: -- cubic yards
Fill: 22 cubic yards

= Disturbance Due to Construction:

Approximate Scale:

1" = 60'

Waterbody:
Wetland 8
Unnamed Stream 4

Location:
Lake County, Ohio

Applicant:
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223

HNTB Ohio Inc.

Exhibit 18-9 Preferred Alternative Wetland 8 & Unnamed Stream 4

IR-90 INTERCHANGE
SR-615 CORRIDOR
AND SR-84 RETI

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